

Feevah Sewer Network Flow Rates

PS-01

	PIPE POSITION	(M)	Slope	No of Connections	No. Of Connections Cum.	FR pipe end L/d (cum F L/D)	Q L/S	Q0 L/S	Qp = Q/Q0	Depth of flow (d), mm	PIPE DIA , I/D
1	CO1-IC7	14.5	0.004	2	2	1,790.10	0.02	16.60	0.0012	2.98	150
2	IC7-IC6	46.3	0.004	0	2	1,790.10	0.02	16.60	0.0012	2.98	150
3	CO2-IC6	44.75	0.004	6	6	5,370.30	0.06	16.60	0.0036	8.95	150
4	IC6-IC5	25.8	0.004	2	8	7,160.40	0.08	16.60	0.0048	11.93	150
5	CO3-IC5	60	0.004	8	10	8,950.50	0.10	16.60	0.0060	14.92	150
6	IC5-IC4	38.6	0.004	0	18	16,110.90	0.18	16.60	0.0108	26.85	150
7	CO4-IC4	59.5	0.004	5	5	4,475.25	0.05	16.60	0.0030	7.46	150
8	IC4-IC3	47.2	0.004	1	26	23,271.30	0.26	16.60	0.0156	38.79	150
9	IC3-IC2	50	0.004	2	28	25,061.40	0.28	16.60	0.0168	41.77	150
10	IC2-IC1	50	0.004	1	29	25,956.45	0.29	16.60	0.0174	43.26	150
11	CO7-IC12	50	0.004	4	4	3,580.20	0.04	16.60	0.0024	5.97	150
12	IC12-IC11	50.6	0.004	4	8	7,160.40	0.08	16.60	0.0048	11.93	150
13	CO8-IC13	60	0.004	6	6	5,370.30	0.06	16.60	0.0036	8.95	150
14	IC13-IC11	53.3	0.004	4	10	8,950.50	0.10	16.60	0.0060	14.92	150
15	IC11-IC10	36	0.004	0	18	16,110.90	0.18	16.60	0.0108	26.85	150
16	CO6-IC15	56	0.004	2	2	1,790.10	0.02	16.60	0.0012	2.98	150
17	IC15-IC10	49.4	0.004	2	4	3,580.20	0.04	16.60	0.0024	5.97	150
18	CO5-IC14	9.2	0.004	1	1	895.05	0.01	16.60	0.0006	1.49	150
19	IC14-IC10	54	0.004	4	5	4,475.25	0.05	16.60	0.0030	7.46	150
20	IC10-IC9	32.8	0.004	0	27	24,166.35	0.27	16.60	0.0162	40.28	150
21	IC9-IC8	3.5	0.004	0	27	24,166.35	0.27	16.60	0.0162	40.28	150
22	IC8-IC1	55.7	0.004	0	27	24,166.35	0.27	16.60	0.0162	40.28	150
23	IC1-PS1	12	0.004	0	54	48,332.70	0.54	16.60	0.0324	80.55	150
	Total	959.15		54							

Feevah Sewer Network Flow Rates

PS-02

	PIPE POSITION	(M)	Slope	No of Connectio ns	No. Of Connectio ns Cum.	FR pipe end L/d (cum F L/D)	Q L/S	Q0 L/S	Qp = Q/Q0	Depth of flow (d), mm	PIPE DIA , I/D
1	CO24-IC33	40.5	0.004	3	3	2,685.15	0.03	16.60	0.0018	4.48	150
2	CO23-IC33	32.8	0.004	3	3	2,685.15	0.03	16.60	0.0018	4.48	150
3	CO22-IC33	41.6	0.004	5	5	4,475.25	0.05	16.60	0.0030	7.46	150
4	IC33-IC32	60	0.004	2	13	11,635.65	0.13	16.60	0.0078	19.39	150
5	CO25-IC32	38.7	0.004	8	8	7,160.40	0.08	16.60	0.0048	11.93	150
6	IC32-IC31	32.2	0.004	7	28	25,061.40	0.28	16.60	0.0168	41.77	150
7	CO19-IC35	60	0.004	6	6	5,370.30	0.06	16.60	0.0036	8.95	150
8	IC35-IC34	50.2	0.004	3	9	8,055.45	0.09	16.60	0.0054	13.43	150
9	CO21-IC37	39.2	0.004	4	4	3,580.20	0.04	16.60	0.0024	5.97	150
10	IC37-IC36	52.5	0.004	4	8	7,160.40	0.08	16.60	0.0048	11.93	150
11	IC20-IC36	37	0.004	4	4	3,580.20	0.04	16.60	0.0024	5.97	150
12	IC36-IC34	46.4	0.004	2	14	12,530.70	0.14	16.60	0.0084	20.88	150
13	IC34-IC31a	32	0.004	3	26	23,271.30	0.26	16.60	0.0156	38.79	150
14	IC31a-IC31	36	0.004	7	33	29,536.65	0.33	16.60	0.0198	49.23	150
15	IC31-IC30	42	0.004	3	64	57,283.20	0.64	16.60	0.0383	95.47	150
16	IC30-IC27	20.1	0.004	1	65	58,178.25	0.65	16.60	0.0389	96.96	150
17	CO17-IC28	60	0.004	12	12	10,740.60	0.12	16.60	0.0072	17.90	150
18	CO18-IC29	29.25	0.004	3	3	2,685.15	0.03	16.60	0.0018	4.48	150
19	IC29-IC28	26.6	0.004	3	6	5,370.30	0.06	16.60	0.0036	8.95	150
20	IC28-IC27	21.4	0.004	2	20	17,901.00	0.20	16.60	0.0120	29.84	150
21	IC27-IC26	4.5	0.004	0	85	76,079.25	0.85	16.60	0.0509	126.80	150
22	IC26-PS2	5	0.004	0	85	76,079.25	0.85	16.60	0.0509	126.80	150
	Total	807.95		85							

Feevah Sewer Network Flow Rates

PS-03

	PIPE POSITION	(M)	Slope	No of Connectio ns	No. Of Connectio ns Cum.	FR pipe end L/d (cum F L/D)	Q L/S	Q0 L/S	Qp = Q/Q0	Depth of flow (d), mm	PIPE DIA , I/D
1	CO26-IC39	60	0.004	5	5	4,475.25	0.05	16.60	0.0030	7.46	150
2	IC39-IC38	34	0.004	0	5	4,475.25	0.05	16.60	0.0030	7.46	150
3	CO27-IC38	60	0.004	6	6	5,370.30	0.06	16.60	0.0036	8.95	150
4	CO15-IC40	55	0.004	6	6	5,370.30	0.06	16.60	0.0036	8.95	150
5	CO28-IC40	60	0.004	8	8	7,160.40	0.08	16.60	0.0048	11.93	150
6	IC40-IC38	35.5	0.004	2	16	14,320.80	0.16	16.60	0.0096	23.87	150
7	IC38-IC51	33.4	0.004	0	27	24,166.35	0.27	16.60	0.0162	40.28	150
8	CO32-IC51	60	0.004	6	6	5,370.30	0.06	16.60	0.0036	8.95	150
9	CO31-IC51a	25	0.004	4	4	3,580.20	0.04	16.60	0.0024	5.97	150
10	IC51aIC51	51	0.004	4	8	7,160.40	0.08	16.60	0.0048	11.93	150
11	IC51-IC46	34.4	0.004	0	41	36,697.05	0.41	16.60	0.0246	61.16	150
12	CO33-IC46	60	0.004	6	6	5,370.30	0.06	16.60	0.0036	8.95	150
13	CO30-IC50	45.4	0.004	6	6	5,370.30	0.06	16.60	0.0036	8.95	150
14	IC50-IC45	46.5	0.004	6	12	10,740.60	0.12	16.60	0.0072	17.90	150
15	IC45-IC44	17.8	0.004	0	12	10,740.60	0.12	16.60	0.0072	17.90	150
16	IC44-IC43	55.2	0.004	2	14	12,530.70	0.14	16.60	0.0084	20.88	150
17	IC43-IC46	50.5	0.004	3	17	15,215.85	0.17	16.60	0.0102	25.36	150
18	IC40-IC47	34.8	0.004	1	59	52,807.95	0.59	16.60	0.0353	88.01	150
19	CO34-IC47	60	0.004	6	6	5,370.30	0.06	16.60	0.0036	8.95	150
20	IC47-IC52	23.5	0.004	1	72	64,443.60	0.72	16.60	0.0431	107.41	150
21	IC52-PS3	4.3	0.004	0	72	64,443.60	0.72	16.60	0.0431	107.41	150
	Total	906.3		72							

Feevah Sewer Network Flow Rates

PS-4

	PIPE POSITION	(M)	Slope	No of Connectio ns	No. Of Connectio ns Cum.	FR pipe end L/d (cum F L/D)	Q L/S	Q0 L/S	Qp = Q/Q0	Depth of flow (d), mm	PIPE DIA , I/D
1	CO12-IC18	45	0.004	4	4	3,580.20	0.04	16.60	0.0024	5.97	150
2	CO13-IC18	58	0.004	8	12	10,740.60	0.12	16.60	0.0072	17.90	150
3	IC18-IC17	31.76	0.004	2	14	12,530.70	0.14	16.60	0.0084	20.88	150
4	IC17-IC16	33.6	0.004	0	14	12,530.70	0.14	16.60	0.0084	20.88	150
5	CO11-IC25	60	0.004	6	6	5,370.30	0.06	16.60	0.0036	8.95	150
6	IC25-IC24	60	0.004	5	11	9,845.55	0.11	16.60	0.0066	16.41	150
7	IC24-IC16	60	0.004	4	14	12,530.70	0.14	16.60	0.0084	20.88	150
8	IC16-IC53	37.6	0.004	0	28	25,061.40	0.28	16.60	0.0168	41.77	150
9	CO10-IC23	60	0.004	7	7	6,265.35	0.07	16.60	0.0042	10.44	150
10	IC23-IC22	60	0.004	6	13	11,635.65	0.13	16.60	0.0078	19.39	150
11	IC22-IC53	60	0.004	6	19	17,005.95	0.19	16.60	0.0114	28.34	150
12	CO9-IC21	60	0.004	9	9	8,055.45	0.09	16.60	0.0054	13.43	150
13	IC21-IC20	60	0.004	6	15	13,425.75	0.15	16.60	0.0090	22.38	150
14	IC20-IC19	60	0.004	5	20	17,901.00	0.20	16.60	0.0120	29.84	150
15	IC19-IC53	60	0.004	6	26	23,271.30	0.26	16.60	0.0156	38.79	150
16	IC53-PS4	3.3	0.004	0	74	66,233.70	0.74	16.60	0.0443	110.39	150
	Total	809.26		74							